ELSEVIER

Vol. 192, issues 1–2, June 2004
Complete volume

CONTENTS

HEARING RESEARCH

Cited in: Biological Abstracts (BIOSIS); Chemical Abstracts; Current Contents/Life Sciences; Current Awareness in Biological Sciences (CABS); Excerpta Medica (EMBASE); Index Medicus; INSPEC; PASCAL M; Reference Update; Full text available in ScienceDirect ® and Neuroscion

Research Papers

M. Duan, J. Qiu, G. Laurell, Å. Olofsson, S. Allen Counter and E. Borg (Sweden, USA)
Dose and time-dependent protection of the antioxidant *N*-L-acetylcysteine against impulse noise trauma 1

K.V. Gopal and G.W. Gross (USA)
Unique responses of auditory cortex networks in vitro to low concentrations of quinine 10

G.D. Searchfield, D.J.B. Muñoz and P.R. Thorne (New Zealand)
Ensemble spontaneous activity in the guinea-pig cochlear nerve 23

H.P. Zenner, H.-G. Freitag, C. Linti, U. Steinhardt, J. Rodriguez Jorge, S. Preyer, P.-S. Mauz, M. Sürth, H. Planck, I. Baumann, R. Lehner and A. Eiber (Germany)
Acoustomechanical properties of open TTP titanium middle ear prostheses 36

W.L. Valk, H.P. Wit and F.W.J. Albers (The Netherlands)
Evaluation of cochlear function in an acute endolymphatic hydrops model in the guinea pig by measuring low-level DPOAEs 47

M. Sugawara, Y. Ishida and H. Wada (Japan)
Mechanical properties of sensory and supporting cells in the organ of Corti of the guinea pig cochlea – study by atomic force microscopy 57

J.L. Heydt, L.L. Cunningham, E.W. Rubel and M.D. Coltrera (USA)
Round window gentamicin application: an inner ear hair cell damage protocol for the mouse 65

P.A. Santi, A. Blair, B.A. Bohne, J. Lukkes and J. Nietfeld (USA)
The Digital Cytocochleogram 75

P. Guimaraes, X. Zhu, T. Cannon, S. Kim and R.D. Frisina (USA)
Sex differences in distortion product otoacoustic emissions as a function of age in CBA mice 83

Contents continued on inside back cover

CONTENTS direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at: **http://contentsdirect.elsevier.com**

0378-5955(200406)192:1-2;1-X

Available online at www.sciencedirect.com

SCIENCE DIRECT®

(Contents continued from back cover)

B.C.J. Moore, T.H. Stainsby and E. Tarasewicz (UK)
Effects of masker component phase on the forward masking produced by complex tones in normally hearing and hearing-impaired subjects 90

R. Perez, S. Freeman and H. Sohmer (Israel)
Effect of an initial noise induced hearing loss on subsequent noise induced hearing loss 101

S.W.F. Meenderink and P. van Dijk (The Netherlands)
Level dependence of distortion product otoacoustic emissions in the leopard frog, *Rana pipiens pipiens* 107

T.H. Stainsby, B.C.J. Moore and B.R. Glasberg (UK)
Auditory streaming based on temporal structure in hearing-impaired listeners 119

Author Index Volume 192 131

Subject Index Volume 192 133